

ABSTRACT OF THE DISCLOSURE

A binarizing device operates for controlling a slice level relative to a DC level of a reproduced signal in response to a slice level control signal to generate a controlling-resultant slice level,

5 and for comparing the reproduced signal with the controlling-resultant slice level to convert the reproduced signal into a binary signal. A signal generating device operates for generating the slice level control signal in response to the binary signal. An offset detecting device operates for detecting an offset in a modulation-

10 resultant-code pattern in response to the binary signal, and for generating code pattern offset information in response to the detected offset. An offset-responsive controlling device operates for implementing one of (1) changing a response characteristic of a loop formed by the binarizing device and the signal generating

15 device and (2) suspending the slice level control by the binarizing device in response to the code pattern offset information.

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